

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty Docket No.	989_001DIV2	Serial No.
	Applicant	James E. Moon et al.	
	Filing Date	Group 1763 10/03/2011	

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)**

Examiner	<u>McC. Oba</u>	Date Considered	<u>9/28/03</u>

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O I P E S C

Form PTO 1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	APR 24 2003	Atty Docket No. 989_001DIV2	Serial No. 10/003,851
	Applicant James E. Moon et al.	RECEIVED APR 25 2003 TC 1700 1763	
	Filing Date November 02, 2001		

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Exam. Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
Xue	AG	4,764,244	08/16/1998	Chitty et al.	✓		06/11/1985
	AH	5,131,978	07/21/1992	O'Neill	✓		06/07/1990
	AI	5,628,917	05/13/1997	MacDonald et al.	✓		02/03/1995
	AJ	5,658,471	08/19/1997	Murthy et al.	✓		09/22/1995
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Xue	AM	5,717,251	02/10/1998	Hayashi et al.	✓		08/05/1996

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	Document Number	Date	Country	Class	Sub Class	Translation	Abstract
Xue	AN DE 44 42 023	05/30/1996	Germany	✓			

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Xue	AO	Desai, Amish, et al., <i>A MEMS Electrospray Nozzle for Mass Spectroscopy</i> , 1997, pp. 927-930.
	AP	Dole, Malcom, et al., <i>Molecular Beams of Macroions</i> , 1968, pp. 2240-2249.
	AQ	Harrison, D. Jed, et al., <i>Micromachining a Miniaturized Capillary Electrophoresis-Based Chemical Analysis System on a Chip</i> , 1993, pp. 895-897.
	AR	He, Bing, et al., <i>Fabrication of Nanocolumns for Liquid Chromatography</i> , 1998, pp. 3790-3797.
	AS	Jacobson, Stephen C., et al., <i>High-Speed Separations on a Microchip</i> , 1994, pp. 1114-1118.
	AT	Jacobson, Stephen C., et al., <i>Open channel Electrochromatography on a Microchip</i> , 1994, pp. 2369-2373.
	AU	Ramsey, R.S., et al., <i>Generating Electrospray from Microchip Devices Using Electroosmotic Pumping</i> , 1997, pp. 1174-1178.
	AV	Smith, David P., <i>The Electrohydrodynamic Atomization of Liquids</i> , 1986, pp. 527-535.
	AW	Wang, Xuan-Oi, et al., <i>Polymer-Based Electrospray Chips for Mass Spectrometry</i> , 1999, pp. 523-528.
	AX	Wilm, Matthias et al., <i>Analytical Properties of the Nanoelectrospray Ion Source</i> , 1996, pp. 1-8.
	AY	Xue, Gifeng, et al., <i>Multichannel Microchip Electrospray Mass Spectrometry</i> , 1997, pp. 426-430.
Xue	AZ	Yamashita, Masamichi, et al., <i>Electrospray Ion Source. Another Variation of the Free-Jet Theme</i> , 1984, pp. 4451-4459.
Examiner <i>Alla Ola</i>		Date Considered 9/28/03

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<i>Howe</i>	BA	5,043,043	08/27/1991	Howe et al.			06/22/1990
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